

19990220.ba v02_n434.bam.990220

>From ???@??? Sat Feb 20 14:11:26 1999
Message-Id: <199902201612.KAA02827@sco.theporch.com>
Date: Sat, 20 Feb 1999 10:07:10 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2434

BOATANCHORS Digest 2434

Topics covered in this issue include:

- 1) What's this?
by Morris Odell <morriso@vifp.monash.edu.au>
- 2) Re: Why QRR? (A trivia question)
by "Wayne & Deb Harrah" <harrah@ia.net>
- 3) Ranger Good News
by Dan Martin <dmartin@visuallink.com>
- 4) RE: Why QRR? (A trivia question)
by "David Newkirk" <dpnewkirk@home.com>
- 5) Re: What's this?
by John Shriver <jas@shiva.com>
- 6) Geloso VFO -- info needed
by "Tom Bridgers" <tarheel6@email.msn.com>
- 7) Re: BA clock help
by Bob Roehrig <broehrig@admin.aurora.edu>
- 8) Good Rectifier Tubes FS
by David Stinson <arc5@ix.netcom.com>
- 9) Want a BC-610?
by Dick Dillman <ddillman@igc.apc.org>
- 10) Re: What's this?
by "Arden Allen" <gumbear@pacbell.net>
- 11) Re: Ranger Good News
by "Arden Allen" <gumbear@pacbell.net>
- 12) Pretty good book
by Bill Hawkins <bill@iaxs.net>
- 13) FS:TRIPLET 650 VTVM +
by Maurice Weinschenker <morry@ix.netcom.com>
- 14) RE: Why QRR? (A trivia question)
by "Roberta J. Barmore" <rbarmore@indy.net>
- 15) Re: [R-390] Q: R-390 Remote Control Plug
by AviDov@aol.com
- 16) Request for info
by David Ross <ross@hypertools.com>
- 17) Re: Request for info
by Dick Dillman <ddillman@igc.apc.org>
- 18) Wanted: Henney's Radio Eng. Handbook

- by Chip Owens <owens@atd.ucar.edu>
- 19) RE: NC-183D schematic help
by "Roy Morgan" <roy.morgan@nist.gov>
- 20) SW-3 Velvet Vernier Dial Help Wanted
by Jim Hill <jshillw6ivw@earthlink.net>
- 21) WTD: Amphenol 11 Pin Female Socket
by "Richard W. Solomon" <w1kszt@tiac.net>
- 22) Eico TX FS
by "Wallace Gibbons" <rockwall@tcsourseone.com>
- 23) Need Schematic: Ocean Hopper
by Bob/WB0AUQ <brainbol@sunflower.com>
- 24) Re: Pretty good book
by Hans Jense <gjense@casema.net>
- 25) Re: [Johnson] Need Ranger parts
by k5jv@vonl.com (Lon W. Cottingham)
- 26) Re: [Johnson] Need Ranger parts
by John Shriver <jas@shiva.com>
- 27) FREE SCANNER GIVE-AWAY
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)

Message-ID: <36CCAFBA.44F0@vifp.monash.edu.au>
Date: Fri, 19 Feb 1999 11:26:34 +1100
From: Morris Odell <morriso@vifp.monash.edu.au>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: What's this?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

While reading the manual for a Tektronix vacuum tube plugin, I came upon a reference to something called a "Stabistor". The circuit shows a semiconductor diode symbol. Does anyone here know what it is?

73 de Morris VK3DOC

Message-ID: <026901be5b9f\$fd5534e0\$12eee6ce@default>
From: "Wayne & Deb Harrah" <harrah@ia.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Why QRR? (A trivia question)
Date: Thu, 18 Feb 1999 18:35:42 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Quick-Radio-Relay?

Buzz

(Now, that's enough for my guesser to guess.)

> It had never dawned on me 'til a little drawing in an old QST made it
>clear: why was "QRR" adopted by ARRL as the "land SOS," and why did use of
>it fade away in the decades following WW II?
> ...Here's a hint--what was the one *essential* life & safety need that
>amateur radio could uniquely fulfill after lines had been downed?

Message-ID: <36CCBBD0.5CF2@visuallink.com>
Date: Thu, 18 Feb 1999 20:18:08 -0500
From: Dan Martin <dmartin@visuallink.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Ranger Good News
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, folks:

Some of you may recall a couple of posts of mine in the last month asking for advice on some instability problems with a Ranger I'm going through. Instability was conspicuously only on 40-10 meters, not 80, and was characterized by sudden, discrete shifts in CW note, usually right in mid-character. The long term drift wasn't too bad but the jumpiness was intolerable. I checked mechanical rigidity and screw tightness around the VFO housing, Deoxit-ed bushings and ground wipers on variable caps and trimmers, replaced the VFO, regulator, and keyer tubes w/new, moved the screen dropping resistor below the chassis with a higher wattage version, etc., etc. Jumpiness still there. Discouraging. Finally swapped out the brand new 6AU6 oscillator tube (Sears brand. Wonder who made that?) with a second new 6AU6 (Sylvania, out of my Drake spare tube stock) and ... looks like that was it! CW note is steady and stable now. I'm a happy radio mechanic. Just further proof of the old adage that a "good" tube is one that works in the circuit it is in. This seems especially true in oscillator circuits!

Dan
WB4GRA
Winchester, VA

From: "David Newkirk" <dpnewkirk@home.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Why QRR? (A trivia question)
Date: Thu, 18 Feb 1999 21:45:42 -0500
Message-ID: <000001be5bb1\$f1c1c6e0\$11670518@cc328679-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bobbi wrote:

> It had never dawned on me 'til a little drawing in an old QST made it
> clear: why was "QRR" adopted by ARRL as the "land SOS," and why did use of
> it fade away in the decades following WW II?
> ...Here's a hint--what was the one *essential* life & safety need that
> amateur radio could uniquely fulfill after lines had been downed?

from "The Distress Call," a sidebar by Louise Ramsey Moreau, WB6BB0/W3WRE,
in the original, small-QST-sized editions of ARRL's _The Radio Amateur's
Operating Manual_:

"The amateur distress call, QRRR, grew from the purpose of the first
organized amateur emergency nets. They were set up in cities along the
Pennsylvania Railroad to aid the 'Pennsy' (and later other railroads) with
train communications in the event of failure of the railroad telegraph
landlines--which were frequent. The signal QRR came to be used to indicate
that the calling station had railroad traffic related to some emergency.

ARRL

eventually adopted this call for use by any amateur who had distress traffic
and later the call was changed to QRRR because of a conflict in definitions
with the international Q signal QRR."

The sidebar continues about CQD, SOE and SOS; the book includes other
sidebars by Lou Moreau on "ham," "CQ," "seventy three," the procedural
signals ("prosigns") and other traditions and usages.

73,

Dave Newkirk, W9VES
dpnewkirk@home.com

Date: Thu, 18 Feb 1999 21:46:20 -0500
Message-Id: <199902190246.VAA25069@brill.shiva.com>
From: John Shriver <jas@shiva.com>
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com

Subject: Re: What's this?

GE Transistor Manual, Seventh Edition:

Stabistors are single or multi-pellet diodes which have tightly controlled forward voltage characteristics and which are always used in a forward biased condition. Two examples of the multi-pellet stabistor (or low voltage reference diode) are the 1N4156 and 1N4157. The 1N4156 contains two diode pellets in a single glass package while the 1N4157 contains three diode-pellets in a single glass package. Both have a tightly controlled V_{sub}^F characteristic over an I_{sub}^F range of .01 to 100 ma. Stabistors are used as low-voltage regulator diodes, as amplifier non-linear bias elements, and as a level-shifting diode in diode-transistor logic circuits such as shown in figure 17.12. When the multi-pellet stabistor is used as a low voltage regulator, the temperature coefficient of the stabistor will be larger than a breakdown diode of comparable voltage. However, this is offset by the stabistor's tighter initial tolerance, lower dynamic impedance, and absence of noise at low currents.

>From the data charts, the average forward voltage drop at I_{sub}^F of 1 ma for the 1N4453 (1 pellet), 1N4156 (2 pellets) and 1N4157 (3 pellets) is .655 V , 1.31 V, and 1.95 V respectively.

From: "Tom Bridgers" <tarheel6@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Gelooso VFO -- info needed
Date: Thu, 18 Feb 1999 22:03:44 -0500
Message-ID: <043772605031329CPIMSSMTPU08@email.msn.com>

I have an American Gelooso VFO that I'm trying to figure out. Would anyone happen to have access to a schematic or other information that would help me breathe life into this puppy?

Here's what I found in an Arrow Electronics ad in June 1961 QST:

"Model 4/102 for driving two 807's or 6146's final. Has five bands. Supplied with model 1640 dial assembly. Less tubes and xtal, \$29.95" The photo of it in the ad looks just like the VFO I have.

The VFO has two octal sockets and one 7-pin socket, but I have no idea what tubes it uses. I guess the 7 pin socket is for the crystal. But I don't know the frequency of the crystal.

Any ideas, sources, or references out there?

Thanks in advance for the help...

73's,
-tom KE4RHH

Date: Thu, 18 Feb 1999 21:26:44 -0600 (CST)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BA clock help
Message-ID: <Pine.ULT.3.96.990218212530.29926E-100000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If it has the usual round G.E. clock motor with internal gearing,
try drilling a small hole in the case and spraying WD-40 in it. I
have been able to make quite a few work that way.

"Nostalgia is a thing of the past"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Message-ID: <36CCEEFF.7193E342@ix.netcom.com>
Date: Thu, 18 Feb 1999 22:56:31 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Good Rectifier Tubes FS
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rectifiers- pre-owned.

Tested good on my TV-7.

Ten 5R4GY
Ten 5R4WGB
Ten 5U4GB

All thirty tubes for \$25 plus shipping from 78728.

73 Dave Stinson AB5S
arc5@ix.netcom.com

Date: Thu, 18 Feb 1999 21:03:01 -0800 (PST)
Message-Id: <2.2.16.19990218210022.0d87866c@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: Want a BC-610?

My buddy Tom Horsfall, WA6OPE, has asked me to post a note to the list regarding three BC-610s that may be available for sale. Tom was contacted by guy who is thinking of bringing the '610s to the Military Radio Collector's Group meet in San Louis Obispo, CA to be held from 30 April to 2 May. Since he lives out of state the haulage would be no trivial task. So he's trying to get a general idea of how many people, if any, would be interested in the '610s at a price in the neighborhood of \$500ea. Details on what model 610s they are and their general condition are promised. But guy's intent is to have one operating at the event so perhaps they're in decent shape.

I can provide no further details at this time but if you think you'd be seriously interested in one of the transmitters please drop me a note.

Thanks,

Dick

Dick Dillman
<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Message-Id: <199902190556.VAA29089@mail-gw.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <boatanchors@theporch.com>
Subject: Re: What's this?
Date: Thu, 18 Feb 1999 21:43:16 -0800
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

>Stabistors are uses as low-voltage regulator
> diodes, as ampliflier non-linear bias elements, and as a level-shifting

> diode in diode-transistor logic circuits such as shown in figure
> 17.12. When the multi-pellet stabistor is used as a low voltage
> regulator, the temperature coefficient of the stabistor will be larger
> than a breakdown diode of comparable voltage. However, this is offset
> by the stabistor's tighter initial tolerance, lower dynamic impedance,
> and absence of noise at low currents.....

Sounds like a flak attack from GE's promotional literature. I reckon what they might have said is that stabistors are used for temperature compensated bias stabilization, i. e., the temperature coefficient of the stabistor compensates for the temperature coefficient of a (most likely power) transistor by siphoning off enough base current to keep the transistor's collector current constant or slightly reduced with increasing temperature. They were used in early transistor audio power amplifier designs but designers usually got by using cheap rectifier diodes for bias stabilization so I surmise stabistors went the way of the tunnel diode and unijunction transistor.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <199902190556.VAA29126@mail-gw.pacbell.net>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Ranger Good News

Date: Thu, 18 Feb 1999 21:54:50 -0800

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Hi Dan;

>Finally swapped out the brand new 6AU6 oscillator tube
> (Sears brand. Wonder who made that?) with a second new
> 6AU6 (Sylvania, out of my Drake spare tube
> stock) and ... looks like that was it!

It may be that the jokes on you, Sylvania was the OEM for most of Sears tubes about that time. However, it's not beyond question that anybody's tube would do that. Heat effects can cause "oil canning" of grid wires, braces, supports, plates and what have you. Cheap tubes were slapped together with spot welds and you can imagine the result was a wide variation of built in stresses from tube to tube. You just have to pick a good player.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Date: Fri, 19 Feb 1999 00:29:37 -0600 (CST)
From: Bill Hawkins <bill@iaxs.net>
Message-Id: <199902190629.AAA22752@citrus.iaxs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Pretty good book
Cc: glowbugs@piobaire.mines.uidaho.edu

The Victorian Internet, by Tom Standage, is a history of telegraphy with emphasis on the effect of the first long distance communication system on society, and the way human nature interacted with technology then and now.

Got my copy from Barnes and Noble, ISBN 0-8027-1342-4
Library number 384.1'09-dc21, or something like that.

Regards,
Bill Hawkins

Message-ID: <36CD6243.693E64A@ix.netcom.com>
Date: Fri, 19 Feb 1999 08:08:20 -0500
From: Maurice Weinschenker <morry@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS:TRIPLETT 650 VTVM +
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HVE NO REAL NEED FER THE FOLLOWING:
TRIPLETT 650 VTVM. (SAME SIZE AS 630) . COMLPETE IN LEATHER TYPE CASE
WID MANUAL ES PROBES.
ALSO HVE SIMPSON 303 VTVM . SAME SIZE AS MODEL 260 EXCEPT IS ALSO A
VTVM. ALSO COMPLETE WID PROBES ES MANUAL.
WUD PREFER TO TRADE EITHER OR THE PAIR FOR HAM TYPE GEAR BUT WUD
CONSIDER OTHER OFFERS.
BEST 73 MORRY K3DPJ

Date: Fri, 19 Feb 1999 08:40:54 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Why QRR? (A trivia question)
Message-ID: <Pine.SUN.3.96.990219083131.28374B-100000@indy2>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

Just in case there's any doubt, David Newkirk's answer is spot-on--and from a source I had missed! Nice to learn where the extra "R" came from, too. (Dave bailed me out; I went after the particular '30s QST with the particulars last night, and couldn't find it!)

I don't know how much routine rail dispatch t/c hams handled when the wires were down; that stuff's got to be letter-perfect and there was a *lot* of it for a busy line. But we provided enough comms to keep trains from smashing up and to get relief supplies, repair crews, etc. where they were needed, back when the rails ruled long-distance travel and transport. Something to be proud of!

73,
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

From: AviDov@aol.com
Message-ID: <6d5c4c02.36cd9ad0@aol.com>
Date: Fri, 19 Feb 1999 12:09:36 EST
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Mime-Version: 1.0
Subject: Re: [R-390] Q: R-390 Remote Control Plug
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Thanks for plugging my connectors but they are long gone, sorry to say. Aben

Message-Id: <3.0.6.32.19990219123031.007ceb90@mail.willapabay.org>
Date: Fri, 19 Feb 1999 12:30:31 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: David Ross <ross@hypertools.com>
Subject: Request for info
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

BAfolks -

I just received a note from a fellow who is doing research for an upcoming book on the old "Marine Radio" band. I pointed him to the boatanchors archives on the porch.com, specifically mentioning Jeffrey Herman's 500KC piece. I'm forwarding his note below.

If any of you can help Ken out with other pointers, stories, trivia, copies of old ads, etc., please get in touch with him at:

kenberg@dmv.com

>From: "Ken Berg" <kenberg@dmv.com>

>...snipsnip

>I enjoyed your site. Im surfing and doing research to write a book on Marine Radio Telephones for the Pleasure Boat era, from the 40's to the late 70's when Am 2-6 mcs was the main HF mode of Vocie Radio telephone communications. Im looking for old advertisments for equipment of the the time and I'm also looking for information on the old Sets one of which I operated which used a Dynamotor set to produce the power needed for the main power supply, and when I transmitted you would hear another dynamotor activate. I was quite young then, but anyway, I don't want to do just a tech manuel, but the equipment how it was set up, stories of interest in the use of these old time crystal controlled 2-6 mc sets. One save my father and a friend in the Chesapeake Bay in 1957, they couldnt get the Coast Guard on there channel, but raised the Marine Operator and she called landline. The story has alot more to it, but things like that I want to include. Any leads on where I can find out more would be helpful. Thank you.

>

>

Ken Berg

>

thanks and 73

Dave Ross N7EPI ross@hypertools.com

Date: Fri, 19 Feb 1999 13:09:26 -0800 (PST)

Message-Id: <2.2.16.19990219130646.43cf70d6@pop.igc.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: Old Tube Radios <boatanchors@theporch.com>

From: Dick Dillman <ddillman@igc.apc.org>

Subject: Re: Request for info

Cc: boatanchors@theporch.com

>>From: "Ken Berg" <kenberg@dmv.com>

>I enjoyed your site. Im surfing and doing research to write a book on
>Marine Radio Telephones for the Pleasure Boat era, from the 40's to the
>late 70's when Am 2-6 mcs was the main HF mode of Vocie Radio telephone
>communications. Im looking for old advertisments for equipment of the the

>time and I'm also looking for information on the old Sets one of which I
>operated which used a Dynamotor set to produce the power needed for the
>main power supply, and when I transmitted you would hear another dynamotor
>activate. I was quite young then, but anyway, I don't want to do just a
>tech manuel, but the equipment how it was set up, stories of interest in
>the use of these old time crystal controlled 2-6 mc sets. One save my
>father and a friend in the Chesapeake Bay in 1957, they couldnt get the
>Coast Guard on there channel, but raised the Marine Operator and she called
>landline. The story has alot more to it, but things like that I want to
>include. Any leads on where I can find out more would be helpful. Thank you.

Greetings, Ken. I grew up on Long Island in the 50s and so had the opportunity to hear plenty of 2mc AM in the marine band - or plenty of heterodynes, anyway. The ship-to-ship channels sounded like the CB band except for content.

You may be interested to hear that I'm working on a project that will re-create the radio room of a WWII Victory ship as part of a permanent display at the San Francisco Maritime Museum. The primary item will be a complete and working Radiomarine 4U HF/MF radio console. But there will also be a marine AM radiotelephone in operating condition. This radio has two dynamotors, one for the receiver and one that kicks in for transmit. It originally operated in the 2mc band although we will probably use it on 75m.

73,

Dick

Dick Dillman
<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Message-ID: <36CDD707.8EAB3DF1@atd.ucar.edu>
Date: Fri, 19 Feb 1999 14:26:31 -0700
From: Chip Owens <owens@atd.ucar.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Wanted: Henney's Radio Eng. Handbook
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I'd like to obtain a copy of Keith Henney's "Radio Engineering

Handbook", 5th edition in reasonably good condition.

Thanks!, Chip Owens, NW00

--

Chip Owens (owens@atd.ucar.edu)

From: "Roy Morgan" <roy.morgan@nist.gov>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: NC-183D schematic help
Date: Fri, 19 Feb 1999 16:35:08 -0500
Message-Id: <000801be5c4f\$b8d01910\$325f2e82@morganrswnt4.dt.navy.mil>
Mime-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

183D owners,

I have an NC-183MR. This is a military version, rack mount, with speaker. I don't have the correct manual for it, but it has part mineature tubes and part octal ones. The highest frequency band is replaced with a long wave band: something like 125 to 250 Kilocycles.

I presume that this is not an early model.

Roy
K1LKY since 1969

> -----Original Message-----
> From: Owens, Clarence [mailto:owensc@nebeng.otis.com]
> Sent: Thursday, February 18, 1999 8:43 AM
> To: Old Tube Radios
> Subject: RE: NC-183D schematic help
>
>
> Hi All,
>
> I already sent Doug a reply yesterday offering him a manual copy,
> but since
> there seems to be some confusion about this early variant of the NC-183D I
> wanted to post this expanded comment:

Message-Id: <3.0.5.32.19990219142752.01de80c0@earthlink.net>
Date: Fri, 19 Feb 1999 14:27:52 -0800
To: Old Tube Radios <boatanchors@theporch.com>

From: Jim Hill <jshillw6ivw@earthlink.net>
Subject: SW-3 Velvet Vernier Dial Help Wanted
Cc: boatanchors@theporch.com
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Velvet Vernier Dial on my SW-3 started making scraping sounds, and then started to slip about mid scale. I took it apart, inspected the raised periphery on the numbered disc for wear (looks ok), and cleaned all of the dried up grease from the shaft ass'y connected to the tuning knob. The part of this ass'y that pinches and turns the disc using friction looks like there was some grease, but I wonder if grease should be there. I have three choices, grease, a very light coating of light oil like Starrett oil, or leave it clean and dry.

Any opinions, especially from someone who has been through this process? I used my fingers to turn the shaft connected to the variable capacitor. It turns, but with some effort. I think this is normal.

I have another velvet vernier (same type) where the clear plastic with the graticule is discolored, cracked and pieces have fallen out. I'm guessing heat from the dial light bulb did the damage; maybe someone substituted a higher power bulb for the original. Has anyone successfully replaced this plastic? I'm not sure what to do about the curves at the bottom; maybe just put in a piece that goes straight across.

73's Jim

Message-ID: <01BE5C52.4D576780.w1kszt@tiac.net>
From: "Richard W. Solomon" <w1kszt@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTD: Amphenol 11 Pin Female Socket
Date: Fri, 19 Feb 1999 21:52:03 -0500

I need an Amphenol 11 pin socket for a power plug (P/N 78-S11).
I thought someone had mentioned a source but cannot find the mail.

Tnx, Dick, W1KSZ

Message-ID: <36CE2D38.97A3A6E6@tcsourseone.com>
Date: Fri, 19 Feb 1999 20:34:16 -0700
From: "Wallace Gibbons" <rockwall@tcsourseone.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Eico TX FS
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

Too many projects, not enough time.

This is a nice Eico 723 CW TX, two extra holes on the rear of case, has a 5Y3 instead of the 5AR4 (It was there when I got it, I know, not a great sub, but price 5AR4).

Here's the really bad news. One of the band switch wafers is broken, the one that connects to the plate tank. Several list members were kind enough to send me manual copies. They are included, as will be a spare final tube. I've been looking for a wafer for the switch, but so far no luck.

How about \$50 or best offer, plus shipping.

Any takers?

Wally Gibbons
Rockwall@tcsourceone.com

Message-ID: <36CE473F.31CA@sunflower.com>
Date: Fri, 19 Feb 1999 23:25:19 -0600
From: Bob/WB0AUQ <brainbol@sunflower.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need Schematic: Ocean Hopper
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have spent a good part of the evening searching the web for a schematic on the Knight Ocean Hopper. No luck! Wonder if someone might be able to point me to a site? Or, email the schematic?
Thanks.

--

73,
Bob/WB0AUQ ex WN0AUQ
mailto:brainbol@sunflower.com

Message-Id: <199902200624.HAA14318@smtp2.casema.net>
Subject: Re: Pretty good book
Date: Sat, 20 Feb 99 07:28:27 +0100
From: Hans Jense <gjense@casema.net>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Bill Hawkins wrote:

>The Victorian Internet, by Tom Standage, is a history of telegraphy with
>emphasis on the effect of the first long distance communication system on
>society, and the way human nature interacted with technology then and now.

I can corroborate this, as I too just finished reading this book. The Victorian Internet is an excellent read.

-- Hans

Marjes Elling and Hans Jense
Vondellaan 5
2281 CA Rijswijk
The Netherlands
phone: +31 70 399 1208

Message-ID: <001001be5cd5\$45652ac0\$a20adfd0@kingwoodcable.com>
From: k5jv@von1.com (Lon W. Cottingham)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: [Johnson] Need Ranger parts
Date: Sat, 20 Feb 1999 07:31:06 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Collin,

The Ranger-I did not use the 7027A tubes in the modulator. It used 1614 tubes. The Ranger-II used the 7027's. Both the 1614 and the 7027 are difficult to find. I think the 5881 is the best choice to use in either model. They are fairly easy to find. All of these tubes are derivatives of the 6L6. In fact, if you take a close look at the base of the 1614, you will notice that they are all tamped 6L6.

In short, if the bias is set correctly, any of the 6L6 family will work well in either model of the Ranger. Good luck and have fun.

73 de Lon Cottingham, K5JV

Date: Sat, 20 Feb 1999 09:52:17 -0500
Message-Id: <199902201452.JAA25986@brill.shiva.com>
From: John Shriver <jas@shiva.com>
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: [Johnson] Need Ranger parts

The current Russian 5881 would be a fine substitute for a 7027A. It has substantial plate dissipation capacity. However, the old Tung-Sol 5881, or a 6L6G or 6L6GB, wouldn't have the plate dissipation ratings of the 7027A. The 7027A is a 6L6GC with a screwy pinout, nothing more. (Cheesy financial ploy on RCA's part, trying to keep money away from GE and their 6L6GC.) There is also a Russian (Svetlana) 6L6GC of quality now, that would also be a fine choice.

(The NOS 6L6GC and 7027A tubes are in high demand for certain guitar amps. They don't last long under that treatment...)

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Sat, 20 Feb 1999 11:04:28 -0500 (EST)
Subject: FREE SCANNER GIVE-AWAY
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9902201104.aa15627@pcusa01.ecunet.org>

To: boatanchors@theporch.com

Caution: The following note contains mention of electronic devices that may be considered offensive by some readers. Parental discretion is advised.

A gift to the wonderful thermionic emissively oriented denizens of this list:

J.I.L. SX-100 VHF/lo-high & UHF FM scanner.

Covers 30-54, 140-180, 410-514 MHz. Solid state, Synthesized, 16 memories, can be scanned in two separate banks of memory channels. Has seek function. Two scan speeds & adj. scan delay. Built in clock.

Has problem: sensitivity is poor. Synthesizer is ok. Suspect blown steering diode in front end (selects which front end is active).

Includes factory service manual.

Yours for postage!

Tell me why your life would be either:

1) Incomplete or 2) Complete
without it.

Best story gets it.

-John Sehring (Sat, Feb 20, 1999 @ Custer SD USA) UCC WB2EQG
"Live long and prosper" --John 10:10b

End of BOATANCHORS Digest 2434
